User's manual

E5828B/E1828B
5.8 GHz corded/cordless telephone/answering system with caller ID/ call waiting



Congratulations

on purchasing your
new AT&T product.

Before using this AT&T product, please read the **Important safety instructions** on pages 57-59 of this manual.

Please thoroughly read the user's manual for all the feature operations and troubleshooting information necessary to install and operate your new AT&T product. **You can also visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.**

Model #	E5828B/E1828B
Product name:	5.8GHz corded/cordless telephone/answering system
Serial #	_____
	(found on the bottom of the telephone base)
Purchase date:	_____
Place of purchase:	_____

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You must install and charge the battery before using the telephone.



See page 7 for easy instructions.

For customer service or product information, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.

CAUTION: To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully:

- Use only the supplied rechargeable battery or replacement battery 2422 (SKU 23402, part number 89-0047-00-00) or equivalent. **To order a replacement battery, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.**
- Do not dispose of the battery in a fire. Like other batteries of this type, it could explode if burned. Check with local codes for special disposal instructions.
- Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit. Do not allow conductive materials such as rings, bracelets, or keys to touch the battery. The battery or conductor may overheat and cause harm.
- Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery and battery charger.
- Do not disassemble your telephone. There are no user-serviceable parts inside. Refer to qualified service personnel for servicing.

User's manual

E5828B/E1828B 5.8 GHz corded/cordless telephone/answering system with caller ID/ call waiting



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Quick reference guide

Cordless handset

SELECT/TRANSFER

Press to store a programming option (pages 10-12), or to create a directory entry in memory (page 26). During a call, press to transfer a call between cordless handsets (page 19).

▼CID/-VOLUME

When phone is idle, press **▼CID** to display caller ID information (pages 30-32). While entering names or numbers, press to move the cursor to the left. While programming, press to change menu item or value (pages 10-12). During a call, press **▼CID** to adjust listening volume.

PHONE/FLASH

Press to make or answer a call (page 15). During a call, press to receive an incoming call if call waiting is activated (page 17).

HOLD

Press to place a call on hold. Press again to resume your call (page 17).



DIR▲/VOLUME+

When phone is idle (not in use), press **DIR▲** to display directory entries (page 29). While entering letters in names, press to advance or press twice to enter space. While programming, press to change menu item or value (pages 10-12). During a call, press **DIR▲** to adjust listening volume.

OFF/CLEAR

During a call, press to hang up. While using menus, press to cancel an operation, or exit the menu display.

INT/DELETE

While phone is idle, press to page base (page 20) or press and hold to delete all caller ID entries (page 36). While a caller ID entry is displayed, press to delete displayed entry (page 35).

REDIAL/PAUSE

Before dialing, press to display the last number called (page 15). While dialing or entering numbers into your directory, press to insert a four-second dialing pause (page 27).

MENU/CHAN

Press to customize the handset's operation (pages 10-12). During a call, press to switch to another channel if there is interference.

Feature menu



Feature menu

DIRECTORY ..... Page 23
SPEED DIAL ..... Page 24
RINGER ..... Page 12
DATE/TIME ..... Page 11
LANGUAGE ..... Page 10

Using menus

Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** to scroll through menu items.

Press **SELECT/TRANSFER** to select or modify a highlighted item.

Press **OFF/CLEAR** to cancel an operation, or exit the menu display.

Quick reference guide

Telephone base

RINGER VOLUME: Adjust switch on side of base (off, low, high). (page 14)

CONTRAST: Press to adjust screen contrast.



- **CLEAR**: While using menus, press to cancel an operation, or exit the menu display.
- **▼CID**: Press when phone is idle to display caller ID information (page 33). While entering numbers or letters, press to move the cursor to the left.
- **SELECT**: Press to store a programming option (page 13), or to create a directory entry in memory (page 26).
- **DIR▲**: Press when phone is idle to display directory entries. While entering or modifying names, press to advance cursor.
- **DISP DIAL**: Press to dial number currently displayed.

- **INTERCOM/CID DEL**: Press to delete displayed caller ID entry (page 35). While phone is idle, press to page handset (page 20), or press and hold to delete all caller ID entries (page 36).
- **MENU**: Press to customize the telephone's operation (page 13).
- **FLASH**: During a call, press to receive an incoming call if call waiting is activated (page 17).
- **REDIAL/PAUSE**: Before dialing any numbers, press to display the last number called (page 16).

  While dialing or entering numbers into your directory, press to insert a four-second dialing pause (page 27).

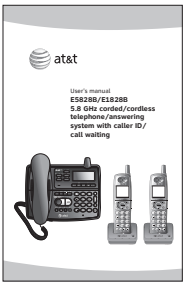
- **CLOCK**: Press to review or set clock (page 39).
- **SETUP**: Press repeatedly to hear setup options (page 41).
- **ANNC.**: Press to review or record announcement; press again to quit (page 40).
- **RECORD**: Press to record a memo (page 43) or after pressing **ANNC.** to record an outgoing announcement (page 34).
- **▶■PLAY/STOP**: Press to start or stop message playback (page 42).
- **DELETE**: Press to delete message currently playing, hold to delete all old messages (page 42).
- **⏻ANSWER ON**: Press to turn answering system on or off (page 45).
- **◀◀REPEAT**: Press to repeat message, press **twice** to play previous message (page 42).
- **▶▶SKIP**: Press to skip message (page 42).

- **HOLD**: Press to place call on hold. Press again to resume call (page 17).
- **▲▼VOLUME**: During a call, press ▲ or ▼ to adjust listening volume (page 17).
- **MUTE**: Press to silence microphone, press again to resume your conversation (page 17).
- **SPEAKER**: Press to activate the Clearspeak™ dial-in-base speakerphone. The Clearspeak™ speakerphone allows clear, hands-free communications when you are positioned near the telephone base.

Parts checklist

Save your sales receipt and original packaging in case it is necessary to ship your telephone for warranty service.

Check to make sure the telephone package includes the following. The model number of your telephone can be found on the label located on the bottom of the telephone base.



User's manual



Quick start guide



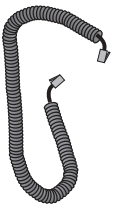
Cordless handsets



Telephone base



Base handset



Handset cord



Chargers for cordless handset



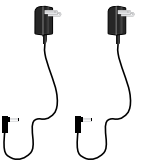
Batteries for cordless handset



Battery compartment covers



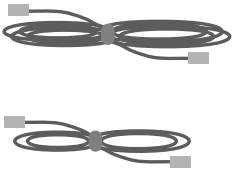
Power adapter for telephone base



Power adapters for handset charger



Belt clips for cordless handset



Telephone line cord (1 long, 1 short)

Telephone base installation

Choose a central location close to a telephone jack and a power outlet not controlled by a wall switch. The telephone base can be placed on a flat surface or mounted on a standard wall plate. For optimum range and better reception, place the telephone base in a high and open location.

Avoid placing the telephone base too close to:

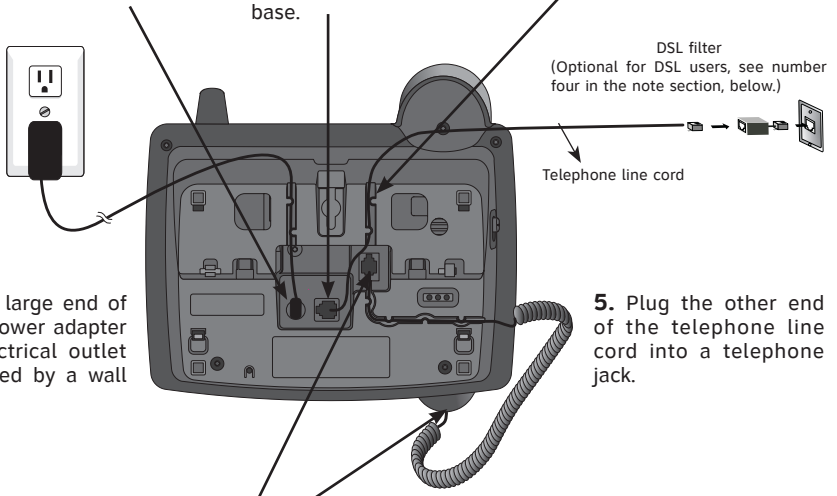
- Communication devices such as: personal computers, computer routers, television sets, VCRs, wireless routers (wireless broadband, wi-fi, or 802.11) or other cordless telephones.
- Excessive heat sources.
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting.
- Excessive dust sources such as a workshop or garage.
- Excessive moisture.
- Extremely low temperature.
- Mechanical vibration or shock such as on top of the washing machine or work bench.

Telephone base installation

1. Plug the small end of the larger power adapter into the power jack at the bottom of the telephone base.

2. Plug one end of the telephone line cord into the telephone jack at the bottom of the telephone base.

3. Route cords through slots.



4. Plug the large end of the larger power adapter into an electrical outlet not controlled by a wall switch.

5. Plug the other end of the telephone line cord into a telephone jack.

6. Plug one end of the coiled handset cord into the jack at the bottom of the telephone base. Plug the other end of the coiled cord into the base handset.

NOTES:

1. Use only the power adapter supplied with this product or equivalent. **To order a replacement power adapter, visit our website at www.telephones.att.com, or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268**.
2. Be sure to use an electrical outlet not controlled by a wall switch.
3. This power adapter is intended to be correctly oriented in a vertical or floor mount position.
4. If you receive high speed internet through your telephone line (commonly referred to as DSL), and you are experiencing interference during telephone conversations and/or your caller ID features are not functioning properly, install a DSL filter to the telephone line between the telephone base and the telephone wall jack. Contact your DSL service provider for a DSL filter.

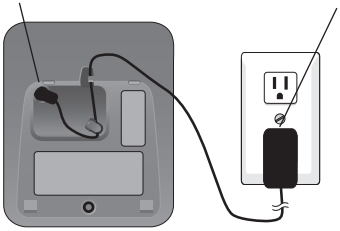
Battery installation & charging

After installing the battery, you may be able to make or receive short calls. For best performance, place the handset in charger to charge for 16 hours before use.

You can keep the battery charged by returning the handset to charger after use. When the battery is fully depleted, a recharge takes about 12 hours. The average talk time on a fully charged battery is about five hours, and the standby time is approximately six days. Actual battery life depends on usage conditions and age of battery.

1. Plug the small end of the smaller power adapter into the jack on the underside of the charger, then route the cord through the slot as shown.

2. Plug the large end of the smaller power adapter into an electrical outlet not controlled by a wall switch.





3. Insert the plug as indicated. Be sure to securely insert the plug, making sure that it matches the color-corded label inside the battery compartment.



4. Place the battery and wires inside the compartment.



5. Slide the battery compartment cover up until it clicks.

6. You may be able to make or receive short calls. For best performance, place the handset in charger to charge for at least 16 hours before first use.





Battery low indicator
Return the handset to the charger to recharge when this symbol flashes and the handset beeps or when the handset screen displays **NEEDS RECHARGING.**



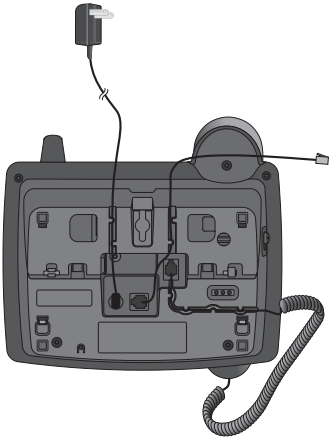
To replace the battery, press in and downward on the tab of the battery compartment to open the battery compartment cover. Lift out the old battery and disconnect it from the handset. Follow the instructions on this page to install and charge the new battery.

NOTE: Under normal conditions, the battery should last approximately one year. This may vary depending on usage.

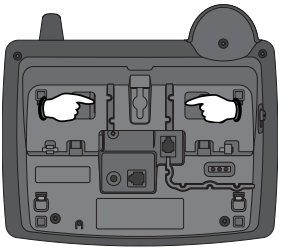
Caution: Use only the supplied rechargeable battery or replacement battery 2422 (SKU 23402, part number 89-0047-00-00) or equivalent. **To order a replacement battery, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.**

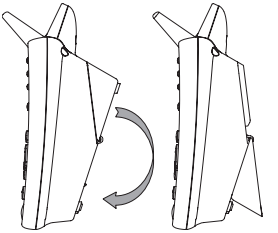
Wall mounting

The telephone base can be installed on any standard wall-phone outlet as shown below. Choose a location away from electronic equipment such as personal computers, computer routers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.



1. Connect the telephone line cord and power adapter to the jacks on the bottom of the telephone base.

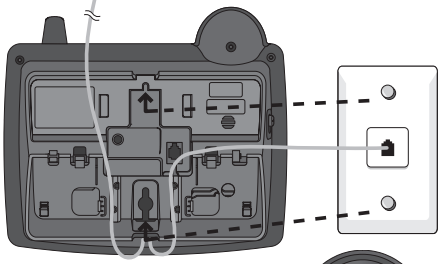




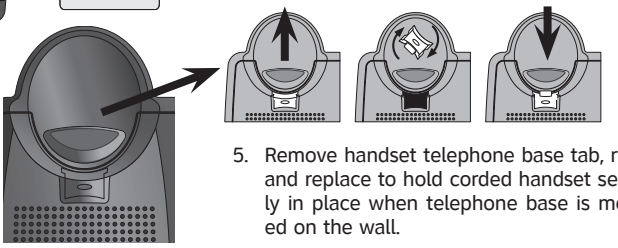
2. Grasp and squeeze to open hinged wall mount, then rotate wall mount and lock in place.



3. Plug the power adapter into an electrical outlet not controlled by a wall switch. Plug the telephone line cord into a telephone wall jack.



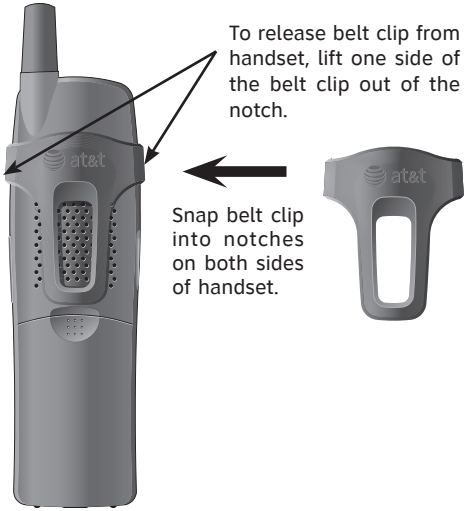
4. Press the pegs firmly and slide them down so the telephone base is held securely on outlet mounting pegs.



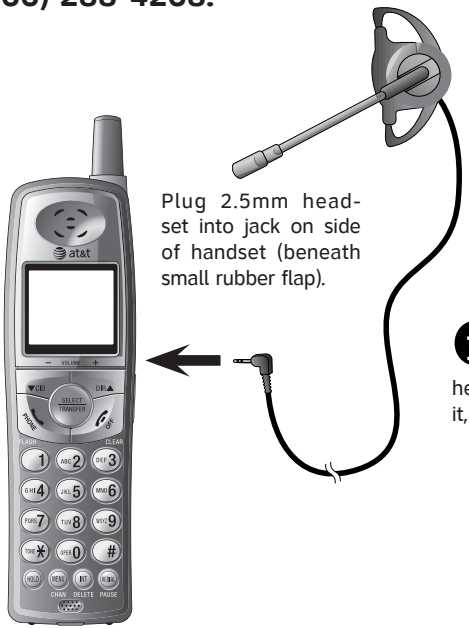
5. Remove handset telephone base tab, rotate and replace to hold corded handset securely in place when telephone base is mounted on the wall.

Belt clip & optional headset

Install belt clip as shown below (if desired).



For hands-free telephone conversations, use any industry standard 2.5 mm headset (purchased separately). **For best results, use an AT&T 2.5 mm headset. To order an AT&T 2.5 mm headset, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.**



NOTE: If the sound quality of the headset is unsatisfactory, try unplugging it, and firmly plugging it in again.





Handset settings

You can change settings to program how the cordless handset works. Each cordless handset operates individually from the other handsets. The ringer sound, ringer volume, date, time, dial mode and language must be programmed separately for each cordless handset.

- Press **MENU/CHAN**, then use the **▼CID/-VOLUME** or **DIR▲/VOLUME+** buttons to scroll to the feature you want to change. Press **SELECT/TRANSFER** to select the displayed item.
- Press **OFF/CLEAR** anytime to cancel an operation and exit the menu display.

Follow the steps below to program the cordless handset. To stop anytime, press **OFF/CLEAR**. If the telephone rings, programming stops automatically so you can answer the call.

Choose handset language

In this menu you can select the language used in all menus and screen displays.

- Press **MENU/CHAN** to begin programming.
- Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** until the screen displays LANGUAGE.
- Press **SELECT/TRANSFER** to see the current setting flashing.
- Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** to scroll through the available options of ENGLISH, ESPANOL and FRANCAIS.
- Press **SELECT/TRANSFER** to select the displayed language and exit.





Handset settings

Set handset date & time

The handset displays the date & time when idle. You can set the time manually, or you can allow it to be set automatically with incoming caller ID information. The time will be set automatically only if you subscribe to caller ID service provided by your local telephone company (page 30).

- Press **MENU/CHAN** to begin programming.
- Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** until the screen displays **DATE/TIME.** Press **SELECT/TRANSFER** to confirm.
- The month in the displayed date starts to flash. Use **▼CID/-VOLUME** or **DIR▲/VOLUME+** to scroll through the numbers 1 (for January), 12 (for December). Press **SELECT/TRANSFER** when the appropriate month is flashing.
- The date starts to flash. Use **▼CID/-VOLUME** or **DIR▲/VOLUME+** to scroll through the numbers 01-31. Press **SELECT/TRANSFER** when the appropriate date is flashing.
- The hour starts to flash. Use **▼CID/-VOLUME** or **DIR▲/VOLUME+** to scroll through the numbers 1-12. Press **SELECT/TRANSFER** when the appropriate hour is flashing.
- The minute starts to flash. Use **▼CID/-VOLUME** or **DIR▲/VOLUME+** to scroll through the numbers 00-59. Press **SELECT/TRANSFER** when the appropriate minute is flashing.
- AM/PM starts to flash. Use **▼CID/-VOLUME** or **DIR▲/VOLUME+** to alternate between AM and PM. Press **SELECT/TRANSFER** when the appropriate option is flashing, save the selection and exit.

NOTES:

1. You can choose to set the time manually, or you can allow it to be set automatically with incoming caller ID information. The time will be set automatically only if you subscribe to caller ID service provided by your local telephone company.
2. Caller ID will not set the year. See page 39 for instructions on how to set the year.







Handset settings

Selectable handset ringer melodies

This feature allows you to choose one of four ringing tones (1-4) or turn the ringer off. Use the **▼CID/-VOLUME** or **DIR▲/VOLUME+** button to hear an example of each ringer tone, then press **SELECT/TRANSFER** to select the one you prefer.

- Press **MENU/CHAN** to begin programming.
- Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** until the screen displays RINGER: and setting.
- Press **SELECT/TRANSFER** to change current setting.
- Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** to display 1, 2, 3, 4, or OFF. You will hear a sample of each ringer tone.
- Press **SELECT/TRANSFER** to select the displayed ringer tone and exit.

Set handset ringer volume

- Press and hold **▼CID/-VOLUME** or **DIR▲/VOLUME+** for about two seconds.
- When the screen displays OFF LOW HIGH, the current setting will flash.
- Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** to select your preference.
- Press **SELECT/TRANSFER**, **OFF/CLEAR**, or **MENU/CHAN** to confirm and save your selection, and exit to idle mode.

NOTES:

1. The cordless handset can be temporarily muted by pressing **OFF/CLEAR** during incoming ringing. The next call will ring normally.
2. If you choose **OFF**, the cordless handset ringer will be turned off, and the screen will display **RINGER OFF** and 🔕 when the cordless handset is idle. If there are any un-reviewed calls, the screen will displays **XX MISSED CALLS** and 🔕 instead of **RINGER OFF** and 🔕.
3. When the volume level is at the maximum or minimum setting, you will hear two alert beeps.



Base settings

You can change settings to program how the telephone base works.

Follow the steps below to program the telephone base. To stop at any time, press **CLEAR**. If the telephone rings, programming stops automatically so you can answer the call.

Telephone base language

At this menu you can select the language used in all menus and screen displays.

- Press **MENU** to begin programming.
- Press **CID▼** or **DIR▲** until the screen displays LANGUAGE.
- Press **SELECT** to change current setting.
- Press **CID▼** or **DIR▲** to scroll through the available options of ENGLISH, ESPANOL and FRANCAIS.
- Press **SELECT** to select the displayed language and exit.

LANGUAGE

Dial mode

At this menu you can choose tone or pulse dialing. The factory default setting is TONE. Change this to PULSE only if you do not have touch-tone dialing service.

- Press **MENU** to begin programming.
- Press **CID▼** or **DIR▲** until screen displays DIAL MODE and setting.
- Press **SELECT** to change current setting.
- Press **CID▼** or **DIR▲** to display TONE or PULSE.
- Press **SELECT** to select displayed dial mode and exit.

DIAL MODE: TONE

NOTES:

1. The dial mode setting affects both the telephone base and the handset(s).
2. During a power failure, only the corded handset can be used to make and answer calls. The dial mode will default to pulse dial. To change to tone dial temporarily, press **TONE✱** on the telephone base (page 18). When the power is restored, the dial mode will return to the programmed setting.



Base settings

Base ringer volume

The base ringer volume can be set to **OFF**, **LOW**, or **HI**, by adjusting the switch on the left side of the telephone base. This switch affects only the telephone base ringer volume, the handset ringer volume remains unchanged.

Contrast adjustment (telephone base only)

There are four levels of contrast on the screen of the telephone base which can be adjusted to suit different viewing angles for both desktop use or wall mounting. Press **CONTRAST** on the telephone base to adjust the contrast on the screen.





Basic cordless handset operation

Making and answering calls

To answer an incoming call, press **PHONE/FLASH** (or any key except **OFF/CLEAR**, **▼CID/-VOLUME** or **DIR▲/VOLUME+**). If you have caller ID service, the caller's number and name will appear on the display screen after the first or second ring (see page 30 for caller ID features and options).

To make a call, press **PHONE/FLASH**, then dial a number. Press **OFF/CLEAR** or place in charger to hang up.

To preview numbers before dialing, enter numbers first, then press **PHONE/FLASH** to dial. Press **▼CID/-VOLUME** then **INT/DELETE** anytime to make corrections when entering numbers.

NOTE: Only one cordless handset or one cordless handset and the base can be on a call at a time. If the other cordless handset attempts to join the call, its screen will display **OTHER HANDSET ON** and then **OR OUT OF RANGE**.

Last number redial

Press **REDIAL/PAUSE** on the cordless handset to display the last number called (up to 32 digits). To dial the number displayed, press **PHONE/FLASH**. You can also press **PHONE/FLASH** and then **REDIAL/PAUSE** to dial the last number called without previewing it. To delete this number, press **REDIAL/PAUSE** twice. This will clear the redial memory and leave it blank.

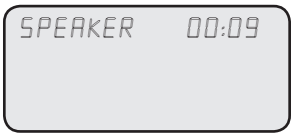
Ring silencing

NOTE: Pressing **OFF/CLEAR** on a handset will only temporarily silence the ringer on that handset. The other cordless handset and telephone base will continue to ring normally.

The cordless handset ringer can be temporarily turned off by pressing **OFF/CLEAR** when there is an incoming call. You can answer the call, or let the caller leave a message. This will silence the ringer without disconnecting the call. If your answering system is on, the caller will be asked to leave a message (page 38). The next call will ring normally.

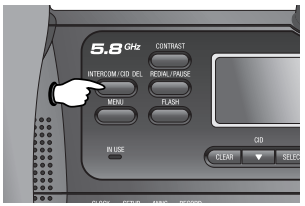


Lift corded handset, or press **SPEAKER**





Redial



Press **INTERCOM/CID DEL** to locate handset

Basic base operation

Making and answering calls

To answer a call, lift the corded handset, or press **SPEAKER**. If you have caller ID service, the caller's number and name will appear on the display screen after the first ring (see page 30 for caller ID features and options).

To make a call, lift the corded handset, (or press **SPEAKER**) then dial a number.

To preview numbers before dialing, first enter telephone number. Press **CID▼** then **INTERCOM/CID DEL** to make corrections if necessary.

When the number is entered, press **DISP DIAL** to activate the speakerphone and dial automatically. You can continue using the speakerphone, or lift the corded handset to switch to the corded handset.

To hang up, replace the corded handset or press **SPEAKER** on the base.

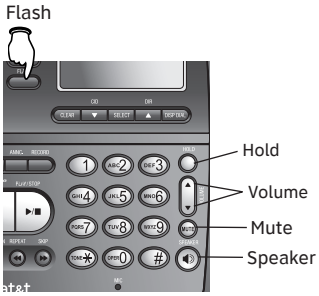
NOTE: Press **SPEAKER** to activate the Clearspeak™ dial-in-base speakerphone. The Clearspeak™ speakerphone allows clear, hands-free communications when you are positioned near the telephone base.

Last number redial

Press **REDIAL/PAUSE** on the telephone base to display the last number called (up to 32 digits). To dial the number displayed, press **DISP DIAL** to activate the speakerphone and dial automatically. You can also call a redial number by pressing **SPEAKER** and then **REDIAL/PAUSE**. You can continue using the speakerphone, or lift the corded handset to switch to the handset.

To delete the displayed number, press **REDIAL/PAUSE** again. This will clear the redial memory and leave it blank.





Options while on calls

To adjust volume

Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** buttons on the cordless handset or the **▲▼VOLUME** button on the telephone base to adjust listening volume.

Call waiting

If you subscribe to a call waiting service with your local telephone service provider, you will hear a beep if someone calls while you are already on a call. Press **PHONE/FLASH** on the cordless handset or **FLASH** on the base to put your current call on hold and take the new call. You can press **PHONE/FLASH** on the cordless handset or **FLASH** on the base anytime to switch back and forth between calls.

Hold

Press **HOLD** to place a call on hold.

When a call is on hold, resume the conversation on the cordless handset by pressing **HOLD** or **PHONE/FLASH**. Resume a conversation at the telephone base by lifting the handset or pressing **SPEAKER** or **HOLD** on the telephone base.

When a call is on hold, you can place either the corded handset in telephone base or the cordless handset in charger, and retrieve the call from another telephone.

Mute

While using the telephone base, you can press **MUTE** to silence the microphone during a conversation. You will be able to hear the caller, but your caller will not be able to hear you until you press **MUTE** again to resume conversation.

Options while on calls



Channel (cordless handset only)

If a call is noisy, unclear or if words fade out, press **MENU/CHAN** on the cordless handset to scan for a better communication channel between the handset and the telephone base.



Temporary tone dialing

If you have dial pulse (rotary) service, you can switch to touch tone dialing during a call by pressing **TONE✱**. This can be useful if you need to send tone signals for access to answering systems or long-distance services.

After you hang up or press **FLASH** on the base to access services with your local telephone service provider, the telephone automatically returns to dial pulse (rotary) service.

Three-way conference calls

During a call, someone at the telephone base or another handset can join in the conversation.

- On the cordless handset: Press **PHONE/FLASH** to join a conversation begun at the telephone base.
- At the telephone base: Lift the handset (or press **SPEAKER**) to join a conversation begun at the cordless handset.



NOTE: Only one cordless handset and the telephone base can be on a conference call. If one cordless handset is on a call and the other cordless handset attempts to join the call, its screen will display **OTHER HANDSET ON** and then **OR OUT OF RANGE**.



Call transfer

Call transfer

To move an outside call from one cordless handset to the other cordless handset:

- Press **SELECT/TRANSFER**. Your cordless handset will display **CALL TRANSFERRED** and the destination handset will begin ringing.
- To answer the outside call, press **PHONE/FLASH**.

NOTES:

1. Before the transferred call is answered, the person using the cordless handset that originated the transfer can press **PHONE/FLASH** to cancel the transfer function and resume the outside call.
2. If the transferred call is not answered within 30 seconds, the cordless handset that originated the transfer will start ringing and show **TRANSFERRED CALL**. If **PHONE/FLASH** is not pressed within another 30 seconds, the outside call will end automatically.
3. If the other cordless handset cannot be found, the cordless handset that originated the transfer will generate an error tone and resume the outside call automatically.
4. This telephone does not have an intercom function between the cordless handsets. People using the cordless handsets cannot speak with each other.
5. You can also move a call from a cordless handset to the base (see page 21), and from the base to a cordless handset (see page 22).





Press **INT/DELETE** to page the telephone base.



Press **INTERCOM/CID DEL** to page the cordless handset.

Intercom calls

Intercom calls

You can use the intercom feature to have conversations between the handset and the telephone base. Press the **INT/DELETE** button on the cordless handset or **INTERCOM/CID DEL** on the telephone base.

To answer an intercom page on a cordless handset, press **INT/DELETE**. At the telephone base, lift the handset or press **INTERCOM/CID DEL**.

To end an intercom call on a cordless handset, press **OFF/CLEAR**. To end an intercom call on the telephone base, hang up the corded handset or press **INTERCOM/CID DEL**.

NOTE: This telephone does not have an intercom function between the cordless handsets. People using the cordless handsets cannot speak with each other.

Handling incoming calls

If you receive an outside call while using the intercom, the telephone will ring.

- On a cordless handset: Press any key except **OFF/CLEAR**, **▼CID** or **DIR▲** to answer the outside call.
- At the telephone base: Lift the handset (or press **SPEAKER**) to answer the outside call.

Handset locator

If the cordless handset is misplaced, press the **INTERCOM/CID DEL** button on the telephone base. The handset will beep for 60 seconds to help you find it. When the handset is found, press **OFF/CLEAR** to stop the beeping (or press the **INTERCOM/CID DEL** button on the telephone base or place the cordless handset in the charger).

NOTE: If the handset battery is dead, the **Handset locator** feature will not work.

Intercom calls

Intercom calls

During a telephone conversation, you can intercom with the telephone base from a cordless handset, or to a cordless handset from the telephone base.

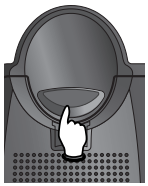
To intercom a call from a cordless handset to the telephone base:

- To page the telephone base, press **INT/DELETE** on a cordless handset (**PAGING** will be displayed on the base and handset screens, the outside call will automatically be put on **HOLD**).
- To answer the **PAGE**, press the **INTERCOM/CID DEL** key on the telephone base. This will activate the intercom between the cordless handset and telephone base and allow you to speak to the person at the telephone base.
- To answer the **PAGE**, lift the corded handset or press the **INTERCOM/CID DEL** key on the telephone base. This will activate the intercom between the cordless handset and telephone base and allow you to speak to the person at the base.
- To take the outside call at the base:
  - If you are using the corded handset when intercoming, press **SPEAKER** to use the speakerphone, or press and release the corded switchhook.
  - If you are using the speaker for the intercom call, press **SPEAKER** to use the speakerphone, or pick up the corded handset.
- To take the outside call using the cordless handset, press **PHONE/FLASH**.

The intercom call between the telephone base and cordless handset will automatically end if you answer an outside call.

NOTES:

1. You can also press **HOLD** before starting to move the call.
2. Before the intercom call is answered, the person who originated the **PAGE** can press **PHONE/FLASH** on the cordless handset, or on the base press **SPEAKER** or lift the corded handset to cancel the page and resume the outside call.



switchhook

Intercom calls

Intercom calls

To intercom a call from the telephone base to the cordless handset:

- Press **HOLD** (if you are on the base speakerphone, this step is optional since the outside call will automatically be put on **HOLD**).
- To page the cordless handsets, press **INTERCOM/CID DEL** on the telephone base (**PAGING** will show on the base and handsets screens).
- To answer the **PAGE**, press **INT/DELETE** on a cordless handset. This will activate the intercom between the cordless handset and telephone base and allow you to speak to the person at the telephone base.

NOTE: Before the intercom call is answered, the person who originated the **PAGE** can press **PHONE/FLASH** on the cordless handset, or press **SPEAKER** or lift the corded handset in the telephone base, to cancel the page and resume the outside call.

Directories



Directories (handset and base)

Each cordless handset or the telephone base has its own separate directory. Each directory can store up to 30 entries. Each entry can contain a number up to 24 digits, and a name up to 15 letters. A convenient search feature can help you find and dial numbers quickly (page 28).

The procedure for entering, editing and dialing directory entries is the same for both the cordless handset and the telephone base (pages 26-27).



Timeouts and error messages

If you pause for too long while creating an entry, the procedure will time out and you will have to begin again.

If all memory locations are in use, the screen will display **MEMORY FULL**. You will not be able to store a new number until an existing one is deleted.



NOTE: The speed dial feature occupies up to nine of the thirty memory locations in the directory. For example, if there are only five speed dial entries, then up to 25 entries can be stored in the directory. If there are already 30 entries in the directory, no new directory and speed dial entries can be stored in memory until some of the existing ones are deleted.

1. MENU/CHAN



2. DIR▲



3. SELECT/TRANSFER



4.





(pages 24-25).

NOTE: You can convert any directory entry into speed dial entry (page 29).

Speed dialing (cordless handset only)

On the handset, numbers called most frequently can be stored so that they can be dialed with only two button presses.

You can enter nine speed dial numbers up to 24 digits. Each entry is associated with a dial pad numeral key.

The nine speed dial numbers on the cordless handset will be automatically added to the handset directory. You can easily dial these telephone numbers by pressing and holding a dial pad key and then pressing **PHONE/FLASH**.

You can also make existing directory entries to speed dial entries.

To create a speed dial entry

- Press **MENU/CHAN** to begin programming.
- Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** until the screen displays SPEED DIAL.
- Press **SELECT/TRANSFER**.
- Press a number key on the dial pad to choose a memory location (1-9).
- Enter a name (up to 15 characters), then press **SELECT/TRANSFER** (see page 26 for instructions on name entry).
- Enter a telephone number (up to 24 digits), then press **SELECT/TRANSFER**.
- Choose distinctive ringing (yes or no) by pressing **▼CID/-VOLUME** or **DIR▲/VOLUME+** (see page 27 for information about distinctive ring).
- Press **MENU/CHAN** or **SELECT/TRANSFER** to store the number. You will hear a confirmation tone.

Speed dialing (cordless handset only)

To call a speed dial number

1. **DIR▲**



To use speed dialing, press and hold a dial pad button (1-9). When you see the number and name stored in that speed-dial location, press **PHONE/FLASH** to dial.

To edit or delete a speed dial number

2.



Press and hold a dial pad button (1-9) to display the entry you want. Press **SELECT/TRANSFER**, then press **▼CID/-VOLUME** or **DIR▲/VOLUME+** until the option you want is displayed (page 29).

3.



NOTE: You can convert any directory entry into speed dial entry (page 28).

Directory dialing

To use directory dialing, press **DIR▲**, scroll or search to find the desired number, then press **PHONE/FLASH** to dial the number (see pages 26-29 to enter, edit or search for entries in your directory).

NOTE: If all memory locations are in use, an error tone will sound when you attempt to enter a number. This means the memory is full, and you will not be able to store a new number until you delete an existing one.

1. ☞ **MENU/CHAN**



2. ☞ **SELECT/TRANSFER**



3. ☞



4. ☞ **SELECT/TRANSFER**



(pages 26-27).

5. ☞ **SELECT/TRANSFER**



6. ☞ **▼CID** or **DIR▲**



7. ☞ **SELECT/TRANSFER**

New directory entries

To create a directory entry

- Press **MENU/CHAN** to begin programming.
- Press **SELECT/TRANSFER**.
- Enter a name (up to 15 characters), then press **SELECT/TRANSFER** (see page 27 for instructions).
- Enter a telephone number (up to 24 digits), then press **SELECT/TRANSFER**.
- Choose distinctive ringing (yes or no) by pressing **▼CID/-VOLUME** or **DIR▲/VOLUME+** (see page 26 for distinctive ring).
- Press **MENU/CHAN** or **SELECT/TRANSFER** to store the number. You will hear a confirmation tone.

Each press of a particular key causes characters to be displayed in the following order:

Dial Key	Characters by number of key presses					
	1	2	3	4	5	6
1	1					
2	A	B	C	2		
3	D	E	F	3		
4	G	H	I	4		
5	J	K	L	5		
6	M	N	O	6		
7	P	Q	R	S	7	
8	T	U	V	8		
9	W	X	Y	Z	9	
0	0					
*	*					
#	&	'	,	-	.	#

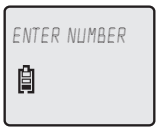
The cursor moves to the right when you press another dial pad button or the **DIR▲** button. Press **DIR▲** twice to enter a space. When finished, press **SELECT/TRANSFER**.

Options while entering names:

- Press **▼CID** then **INT/DELETE** on cordless handset or **INTERCOM/CID DEL** on base to erase letters if you make a mistake.
- Press **#** repeatedly to enter an ampersand (&), apostrophe ('), comma (,) hyphen (-), period (.), or pound sign (#).

New directory entries

1 **SELECT/TRANSFER**



Use the dial pad to enter up to 24 digits. When the number is complete, press **SELECT/TRANSFER**.

Options while entering numbers:

- Use **DIR ▲** to advance to the next space to the right, or use **▼CID** then **INT/DELETE** on cordless handset or **INTERCOM/CID DEL** on base to delete a mistake.
- Press **REDIAL/PAUSE** to enter a four-second dialing pause. A P will be inserted.
- When finished entering the telephone number, press **SELECT/TRANSFER** to confirm.

2





3 **SELECT/TRANSFER**
(Cordless handset only)



To assign a distinctive ring (cordless handset only)

Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** to select Y (yes) or N (no). If you choose yes (and if you have caller ID service), a distinct ring tone will alert you when this person calls.

4 **SELECT/TRANSFER**



Press **SELECT/TRANSFER** to store the entry in the directory.

A appears in the display of each entry on the cordless handset that has been assigned a distinctive ring.

1 ☞ **DIR▲**



2 ☞ **DIR▲**



To display first entry

☞ **DIR▲**



To scroll name by name

☞ **5**



To search alphabetically

Directory search

Follow the steps on the left to browse through the directory, or search to find a specific entry. You can press **OFF/CLEAR** on the cordless handset (or **CLEAR** at the base) anytime to exit the directory.

To browse through the directory

To browse, press **DIR▲** then **▼CID** or **DIR▲** to scroll through all entries one by one.

A appears in the display of each entry on the cordless handset that has been assigned a distinctive ring (page 27).

To search alphabetically

To shorten your search, use the telephone dial pad to enter the first letter of a name, then press **DIR▲** to scroll forward or **▼CID** to scroll back until you find the desired name.

Press dial pad buttons once for the first letter, twice for the second, three times for the third, as shown on page 26.

NOTE: When searching alphabetically, press a dial pad button, if there are no entries beginning with the letters on that button, the handset will show **NO DATA**.

To call a displayed number

When the desired entry is displayed, you can dial it immediately:

On the cordless handset, press **PHONE/FLASH** to dial.

At the base, press **DISP DIAL** or press **SELECT** twice to activate the speakerphone and dial the number. You can continue the call on speakerphone, or lift the corded handset.

NOTE: To place a call on the corded handset using a directory entry, lift the corded handset, press the **▲DIR** button until you find the entry and press **DISP DIAL** on the base.

1 **DIR▲**



2 **DIR▲**



3 **SELECT/TRANSFER**



DIR▲



DIR▲



Press **SELECT/TRANSFER** to choose blinking option on the handset.

NOTES:

1. Screens shown above are displayed on the cordless handset. The telephone base display is slightly different, but the procedure is the same.
2. See page 27 for instructions on dialing a directory entry from the base.

To dial or change an entry

You can make existing directory entries to speed dial entries if they are stored in the handset. You can also change names, numbers and the distinctive ringing settings, or erase entries, that are stored in the cordless handset or the telephone base. When any entry is displayed, press **SELECT/TRANSFER** to see the options. Press **▼CID** or **DIR▲** to highlight the option you want (blinking text), then press **SELECT/TRANSFER**.

To make an entry a speed dial entry (cordless handset only)

When SPEED is blinking, press **SELECT/TRANSFER**, then dial a memory location (1-9) to make this entry a speed dial entry.

If you choose a memory location that is already assigned to a different entry in the directory, that entry will remain in the directory, but will not have a speed dial location.

To edit an entry

Press **▼CID** or **DIR▲** until EDIT is blinking, then press **SELECT/TRANSFER**. You can change the name and number (or distinct ring setting on the cordless handset) by following the steps described on pages 26-27.

To delete an entry

Press **▼CID** or **DIR▲** until ERASE is blinking, then press **SELECT/TRANSFER** to display a confirmation screen (ERASE NO YES).

To delete the entry, press **DIR▲** to highlight YES, then press **SELECT/TRANSFER**.

To abort the procedure and leave the entry intact, press **▼CID** to highlight NO, then press **SELECT/TRANSFER**.





Caller ID summary

Information about caller ID with call waiting

This product has a caller ID function with call waiting feature which works only with service from your local telephone company.

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even when on another call.

It may be necessary to change your telephone service in order to use this feature. Contact your telephone company if:

- You have both caller ID and call waiting, but as separate services (you may need combined service).
- You have only caller ID service, or only call waiting service.
- You do not have any caller ID or call waiting services.

This product can be used with regular caller ID service, or this product's other features can be used without subscribing to either caller ID or combined caller ID with call waiting service. There are fees for caller ID services, and they may not be available in all areas.

Depending on your service, you may see the caller's number or the caller's name and number. This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone companies use compatible equipment. The time and date are sent by the telephone company along with the call information.

Caller ID summary

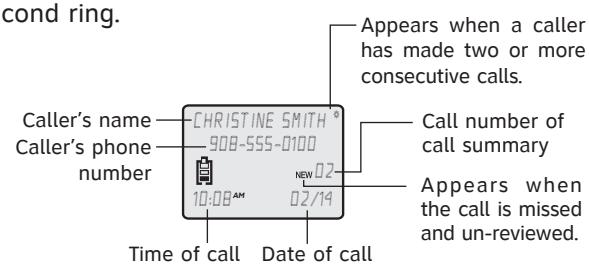


NOTES:

1. Caller ID features will work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.
2. The number shown by your caller ID will be in the format sent by the telephone company. The telephone company usually delivers 10-digit telephone numbers (area code plus telephone number). If the telephone number of the person calling does not exactly match a number in your directory, the name will appear as delivered by the telephone company. For example, if the telephone number does not, the name will appear as delivered by the telephone company.

How caller ID works

If you subscribe to caller ID service provided by your local telephone company, information about each caller will be displayed between the first and second ring.



Information about the last 30 incoming calls is stored in the call summary. You can review the call summary to find out who has called, return the call, or copy the caller's name and number into directory.

If the caller has made two or more consecutive calls, the repeat tag (*) will be displayed in the top right corner of the screen.

When the call summary is full, the oldest entry is deleted to make room for new incoming call information.

If you answer a call before the information appears on the screen, it will not be saved in the call summary.

About names

Names of callers will be displayed only if the information is provided by your local telephone company.

If the incoming telephone number exactly matches a telephone number in your directory, the name that appears on the screen will match the corresponding name in your directory.

For example: If Christine Smith calls, her name will appear as **CHRIS** if this is how you entered it into your directory.

Caller ID operation



There are also occasions when other information or no information is displayed for various reasons:

On-screen message	Reason
PRIVATE NAME	Caller prefers to remain anonymous.
PRIVATE CALLER	Caller name and telephone number not revealed at caller's request.
UNKNOWN NAME	Your local telephone company is unable to determine the caller's name.
UNKNOWN CALLER	Your local telephone company is unable to determine the caller's name and telephone number. Calls from other countries may also generate this message.

Missed calls

When the handset is in idle mode and has calls that have not been reviewed, its screen will show **XX MISSED CALLS**.



All entries which have not been reviewed will be counted as **MISSED CALLS** when the telephone is idle. Each time a call summary entry marked **NEW** is reviewed, the number of missed calls decreases by one.

If there are too many missed calls and you don't want to review them one by one, but still want to keep them in the call summary, press and hold **OFF/CLEAR** on the handset or **CLEAR** on the base for two seconds when the handset or base is idle. All the entries in the caller ID summary will be considered old (have been reviewed), and the missed calls counter will be reset to 0.

Caller ID memory

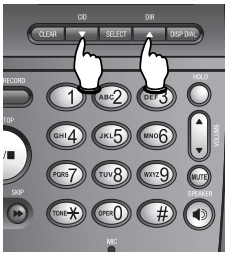
NOTES:

1. The call summary on the cordless handset and telephone base are not shared. Actions taken on one will not affect the other.
2. Only the cordless handset will show the order of the calls in the call summary.

Memory capacity

The telephone base and each cordless handset has its own directory. Each directory can store up to 30 caller ID records. These numbers are available for subsequent retrieval or for saving into the internal directory for long-term storage until they are deleted.

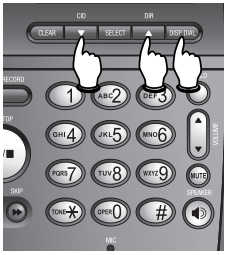
Caller information is stored chronologically with the most recent call being assigned the next number, i.e. if there are already 15 calls logged into the call summary, the next incoming call will be call number 16.





Reviewing the call summary

- Press **▼CID** on the telephone base or the cordless handset to activate the call summary record on the telephone.
- Press the arrow keys (**▼CID** and **DIR▲** on the telephone base or on the cordless handset) to scroll through the incoming records to review incoming calls and check for missed calls.
- Consecutive incoming calls from the same telephone number are identified with an asterisk (*) at the top right corner of the screen and will be counted as one call in the call summary.
- When there are already 30 entries in the call summary, the next incoming call will automatically cause the oldest entry to be deleted from the call summary of the cordless handset (or base).









NOTES:

1. When there are unanswered calls, the screen on the telephone will show the number of missed calls.
2. When only some of the missed calls have been reviewed, the screen on the telephone will continue to show the remaining number of unreviewed calls.

Caller ID memory

Dialing from the call summary

- Press **▼CID** on the telephone base or on the cordless handset to activate the call summary.
- Press **▼CID** or **DIR▲** on the telephone base or on the cordless handset to scroll to the desired number to be dialed.
- Press **DISP DIAL** below the screen on the telephone base or press **PHONE/FLASH** on the cordless handset to contact the person whose name is displayed on the screen.

NOTE: If the number displayed is not in the correct format, press **#** to select the desired dialing options.

Storing a record from the call summary into the directory

- Press **▼CID** on the telephone base or on the cordless handset to activate the call summary.
- Press **▼CID** or **DIR▲** on the telephone base or on the cordless handset to scroll to the caller entry to be stored in the directory.
- When the desired entry is displayed, press **SELECT/TRANSFER** on cordless handset or **SELECT** on telephone base.
- When the options DIAL and PROGRAM appear on the screen with the word PROGRAM flashing, press **SELECT/TRANSFER** on cordless handset or **SELECT** on telephone base
- The cursor will flash on the first letter of the top row. If it is necessary to edit the name before entering it into the directory, use the **▼CID** on both cordless handset and telephone base then use **INTERCOM/CID DEL** on telephone base or **INT/DELETE** on the cordless handset to delete existing characters, or use the keypad to make changes to the name to be used in the directory (page 26).









Caller ID memory

- Press **SELECT/TRANSFER** on the cordless handset or **SELECT** on the telephone base to edit the telephone number. You can make any changes to the number by using the **▼CID** then **INTERCOM/CID DEL** on the telephone base and **INT/DELETE** on the cordless handset to erase characters, or using the dial pad to enter new ones (see pages 26-27 for instructions).
- To choose to assign a distinctive ring to an entry, press **SELECT/TRANSFER** on the cordless handset or **SELECT** on the telephone base. Press **▼CID** or **DIR▲** to choose *Y* (for yes) or *N* (for no). If you choose yes (and if you have caller ID service), a different ringing style will alert you when this person calls (This step is for the cordless handset only).
- Press **SELECT/TRANSFER** on the cordless handset or **SELECT** on the telephone base again and a long beep will sound signal that the information has been stored in the directory.

Deleting a number from the call summary

- Press **▼CID** on the telephone base or on the cordless handset to activate the call summary.
- Press **▼CID** or **DIR▲** on the telephone base or on the cordless handset to scroll to the incoming call entry to be deleted.
- When the desired record is displayed on the screen, press **INTERCOM/CID DEL** on the telephone base (**INT/DELETE** on the cordless handset) to delete the entry.

NOTES:

1. Deleting an incoming call record on the telephone base does not automatically delete the same record from the cordless handset. Likewise, deleting an incoming call record on the cordless handset does not automatically delete the same record from the telephone base.
2. When an entry is deleted, the next oldest record is displayed.
3. See page 34 for instructions on dialing a call summary entry.



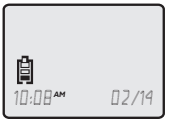








telephone base



cordless handset

Caller ID memory

Deleting all caller ID records

- Press and hold **INT/DELETE** on the cordless handset or **INTERCOM/CID DEL** on the telephone base for two seconds or longer to clear all entries in the call summary.
- A message appears on the screen asking you to confirm that you want to delete all entries in the call summary.
- If you press **DIR▲** then **SELECT/TRANSFER** on cordless handset or **SELECT** on telephone base to select YES, the call summary will be cleared and the screen will return to the normal standby display, the telephone base displays NO MISSED CALLS, and the cordless handset displays the date and time only.

NOTE: The cordless handset and the telephone base call summary are independent, so deleting the entire call summary on one will not affect the call summary of the other.





Call waiting

If you have subscribed to call waiting service from your local telephone company, you will hear a beep if there is an incoming call while you are already on the phone.

The telephone number of the new incoming call will also be displayed on the screen.

- Press **PHONE/FLASH** on the cordless handset or **FLASH** on the telephone base to put your current call on hold and take the new call.
- Press **PHONE/FLASH** on the cordless handset or **FLASH** on the telephone base to switch back to the original call.



Message counter
Number of messages (or during playback, message number currently playing)

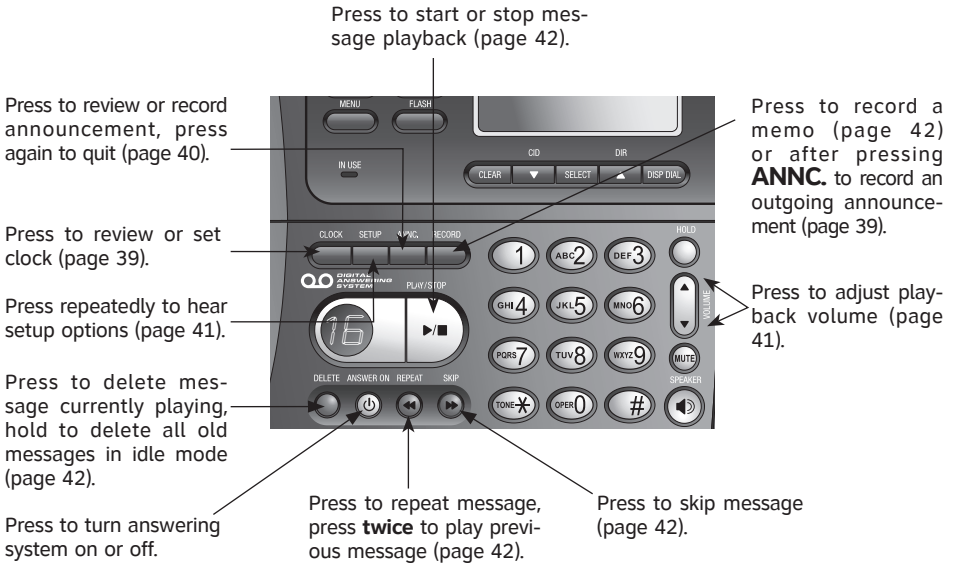
Answering system operation

Message capacity

The answering system can record up to 95 messages, depending on the length of each message. Individual messages can be up to four minutes long, and total maximum recording time is 15 minutes. Messages will remain available for replay until you delete them.

Voice prompts

Each time you press any answering system key, the answering system will use voice prompts to guide you.





1. Press **CLOCK**
The system will announce the current clock setting, then announces *"To set the clock, press **CLOCK**."*

2. Press **CLOCK**
The system will announce the current day setting, then announces *"To change the day, press **SKIP** or **REPEAT**, to change the hour, press **CLOCK**."*

3. Press ⏩**SKIP** or ⏪**REPEAT** until the system announces the correct day, then press **CLOCK**.

4. Press ⏩**SKIP** or ⏪**REPEAT** until the system announces the correct hour, then press **CLOCK**.

5. Press ⏩**SKIP** or ⏪**REPEAT** until the system announces the correct minutes, then press **CLOCK**.

6. Press ⏩**SKIP** or ⏪**REPEAT** until the system announces the correct year, then press **CLOCK**. The system announces the current clock setting.

Day & time announcements

To set day and time

Before playing each message, the answering system announces the day & time the message was received.

Before using the answering system, follow the steps on the left to set the day and time so messages are dated correctly. If the clock is not set before playing messages, the system will prompt *"Time and date not set"* each time.

The system uses voice prompts to guide you. Each time you press ⏩**SKIP** or ⏪**REPEAT**, the day, hour, minute or year increases or decreases by one. When you hear the correct setting, press **CLOCK** to move to the next setting.

To check day and time

You can press **CLOCK** at any time to hear the current day & time without changing it.

NOTES:

1. You can press and hold ⏩**SKIP** or ⏪**REPEAT** to increase or decrease the minute or year by increments of 10.
2. Caller ID provides the time and date. Set the year so that the day of the week can be calculated from the caller ID information. After you set the time once, it will always be set automatically with incoming caller ID information. The time will be set automatically only if you subscribe to caller ID service provided by your local telephone company (page 30).



Elapsed recording time (seconds).

Press to stop recording.

1. **ANNC.**

*"Announcement. Press **PLAY** or press **RECORD.**"*

2. **PLAY/STOP**

(Plays announcement previously recorded).

-OR-

3. **RECORD**

*"Record after the tone. Press **STOP** when you are done."*

4. Speak into microphone.



Microphone

5. **PLAY/STOP**

(Announcement is played back).

6. **ANNC.**

to exit announcement programming.

Outgoing announcements

Outgoing announcements are the messages callers hear when calls are answered by the answering system.

The telephone is pre-programmed with an announcement. If the telephone is set up to record messages, it answers calls with *"Hello. Please leave a message after the tone."* You can use this announcement, or replace it with a recording of your own voice.

NOTE: Press **ANNC.** to exit the announcement programming.

To play your outgoing announcement

Press **ANNC.** until you hear *"Announcement. Press **PLAY** or press **RECORD**."* Then press **PLAY/STOP**. You will hear the outgoing announcement. Press **ANNC.** to exit the announcement menu.

To record your outgoing announcement

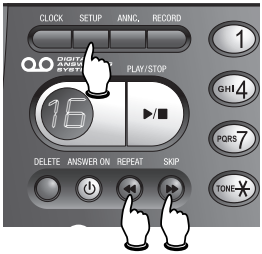
Press **ANNC.** until you hear *"Announcement. Press **PLAY** or press **RECORD**."* Then press **RECORD** and begin speaking after you hear *"Record after the tone. Press **STOP** when you are done."* Speak toward the telephone base from about nine inches away. Press **PLAY/STOP** when you are done. Your recorded announcement will be played back. Press **ANNC.** to exit the announcement menu.

Elapsed time (in seconds) will be shown in the message window when recording. You can record an announcement up to 90 seconds long. Announcements shorter than three seconds long will not be recorded.

To delete your outgoing announcement

Press **ANNC.** until you hear *"Announcement. Press **PLAY** or press **RECORD**."* Then press **PLAY/STOP** to begin playback. Press **DELETE** during playback to delete your announcement. Press **ANNC.** to exit the announcement menu.

When your announcement is deleted, calls will be answered with the pre-programmed announcement described above.



1. **SETUP**

Press until desired feature is heard (see list at right).

2. **⏩SKIP** or **⏪REPEAT**

Press until desired selection is heard.

3. **SETUP**

Press to set selection and **move** to next menu option.

- OR -

PLAY/STOP

Press to set selection and **exit** menu.

Changing feature options

Menu features can be changed to program how the answering system operates. Press **SETUP** repeatedly to hear each feature. When you hear the feature you want to modify press **⏩SKIP** or **⏪REPEAT** then **SETUP** to change the setting. Press **⏯PLAY/STOP** to confirm the setting and exit the menu.

Feature options	(Default settings underlined).
System announces:	Feature description:
"Number of rings," current setting, then *"To change the setting press **SKIP** or **REPEAT**; to continue setup, press **SETUP**."* Options: 2/4/6/toll saver	Choose number of rings before the system answers a call. When toll saver is active, the system answers after two rings if you have new messages, and after four rings if you have no new messages. When retrieving messages from a long distance call, you may disconnect your call after three rings so that there will be no long distance charge incurred.
"*Call screening,*" current setting, then *"To change the setting, press **SKIP** or **REPEAT**; to continue setup, press **SETUP**."* Options: on/off	When on, you can hear callers leave messages, or answer the call.
"*Remote access code,*" current setting, then "*To change the setting press **SKIP** or **REPEAT**; to continue setup, press **SETUP**.*" Options: (select a two-digit code) 19	Enter a two-digit number (10-99) for remote access from another telephone (page 44).
"*Message alert tone,*" current setting, then "*To change the setting, press **SKIP** or **REPEAT**; to continue setup, press **SETUP**.*" Options: on/off	When on, the telephone beeps every 10 seconds when there are new messages.

NOTE: Press and hold **⏩SKIP** or **⏪REPEAT** to increase or decrease the remote access code number by increments of 10.

Number of messages (or during playback, message number currently playing).



Press ⏯**PLAY/STOP** to begin or end message playback.

1. ☞ ⏯ **PLAY/STOP**

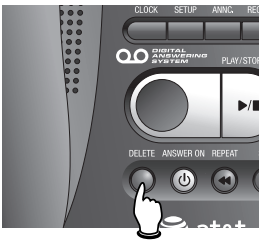
🔈 *"You have [xx] new messages and [xx] old messages"*

Message playback begins. See options at right.

2. ☞ ⏯ **PLAY/STOP**

Message playback ends.

NOTE: If **F** is flashing in the message window, memory is full. You will have to delete some messages before new ones can be received.



Message playback

Press ⏯**PLAY/STOP** to hear messages. The system announces the number of messages, then begins playback.

If you have new messages waiting, you will hear only the new messages (oldest first). If there are no new messages, the system will playback all messages (oldest first).

Announcements

- When playback begins, you will hear the total number of messages.
- Before each message, you will hear the day & time it was received.
- After the last message, you will hear *"End of messages."* If the system has less than five minutes of recording time left, you will hear time remaining.

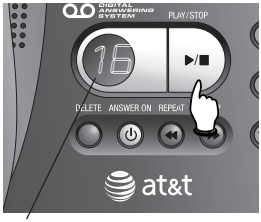
Options during playback

- Press ▲▼**VOLUME** button to adjust speaker volume.
- Press ⏭**SKIP** to skip to next message.
- Press ⏮**REPEAT** to repeat message currently playing. Press twice to hear previous message.
- Press **DELETE** to delete message being played back.
- Press ⏯**PLAY/STOP** to stop playback.

To delete all messages

To delete all messages, press and hold **DELETE** while the telephone is idle (not during a call, or during message playback).

NOTE: New (unheard) messages cannot be deleted.



Elapsed recording time (seconds).

Press to stop recording.

Recording & playing memos

Memos are messages you record yourself. They are saved, played back and deleted exactly like incoming messages. You can record a memo as a reminder to yourself, or leave a message for someone else if other members of your household are using the answering system.

To record a memo

1. **RECORD**

*"Record after the tone. Press **STOP** when you are done."*

2. Speak into microphone.



Microphone

3. **PLAY/STOP**

"Beep."
(memo has been recorded).

Press **RECORD**. Elapsed time (in seconds) is shown in the message window as you record. You can record a memo up to four minutes long. Memos less than one second long will not be recorded. Press **PLAY/STOP** to stop recording.

To play back a memo

Press **PLAY/STOP** to hear messages and memos (see page 42 for other options).



Message counter

Message counter displays

The message counter usually displays the total number of memos and incoming messages. See the list below for explanations of other displays in this counter.

Message counter displays

0	No messages.
1-95	Number of messages/memos, or message number currently playing (flashes when there are new messages).
10-99	Current remote access code while setting (page 41).
1-99 *(counting)*	Elapsed time while recording a memo (page 43) or announcement up to 90 seconds (page 40).
1-95 *(flashing)*	Total number of messages and memos including un-reviewed messages.
99 *(flashing)*	Memo recording exceeded maximum time of 99 seconds.
F *(flashing)*	Memory is full. Messages must be deleted before new messages can be received.
--	System is answering a call, being accessed remotely, or the clock is being programmed.
-- *(flashing)*	System is being programmed or initialized.
On *(or)* OF	Displayed for two seconds when any answering system setting is turned on or off.
02, 04, 06, ES	Current number of rings while setting (page 41).



1. ⏻**ANSWER ON**

until the system announces "*Calls will not be answered.*"

2. *"Beep"*
The system has been turned off.

- OR -

1. ⏻**ANSWER ON**

until the system announces "*Calls will be answered.*"

2. "Beep"
The system has been turned on.

Answering system mode

The answering system's default factory setting is **ON** in order to answer and record messages. You can turn the answering system off, which disables the answering system from answering calls or recording incoming messages.

To turn the answering system off

Press ⏻**ANSWER ON** until you hear *"Calls will not be answered"* and a confirmation beep. The ⏻**ANSWER ON** will be turned off.

NOTE: If the answering system is off and someone calls, the telephone will ring 10 times then answer and announce *"Please enter your remote access code."* Enter your remote access code to enter remote access mode (page 41). If you do not enter the correct remote access code, the call will be ended automatically.

To turn the answering system on

Press ⏻**ANSWER ON** until you hear "*Calls will be answered*" then a beep to confirm the **ON** setting. The ⏻**ANSWER ON** light will be turned on.

Call screening

If the answering system is on and the base volume is not off, you will hear the announcement and the incoming message when a call comes in.

Call intercept

While you are call screening, you can intercept the call by pressing **PHONE/FLASH** or **SPEAKER** on the handset or lifting the handset.

Remote access

A two-digit security code is required to access your answering system from any touch-tone telephone. This code is **19** by default, see **Changing feature options** (page 41) to change it.

1. Dial your telephone number from any touch-tone telephone.
2. When the system answers, enter the two-digit remote access code (**19** unless you have changed it).
3. Enter remote commands (see list at right).
4. Hang up to end the call and save all undeleted messages.

Play all messages **1**	Press to hear all messages.
Play new messages **2**	Press to hear new messages.
Delete the message **3** **33**	Press once during playback to delete current message. Press twice to delete all old messages in idle mode.
Repeat or go back **4**	Press during the caller's message to repeat the message. Press during the beginning of the day and time announcement to go back to the previous message.
Stop **5**	Press to stop any operation (stop playback, stop recording).
Skip to next message **6**	Press to skip the current message and advance to next message.
Record announcement ***7** to begin recording **5** to stop recording	Press ***** **7**, wait for the beep, then begin speaking. Press **5** to stop recording and hear the playback of new announcement.
Help menu ***5**	Press to hear list of features and commands.
Turn system off **0**	Press to turn off answering system. Incoming calls will no longer be answered.
Turn system on **0**	If off, system will answer after 10 rings. Enter your access code, then press **0** to turn the answering system on.
Exit **8**	Press **8** or hang up to end the remote access call.

NOTE: If you pause for more than four seconds during remote access, you will hear a help menu listing all features and commands. If there is no command entered for another 20 seconds, the call will end automatically.

Display screen messages



Screen display messages

CONNECTING...	The handset is waiting for a dial tone.
** RINGING **	There is a call coming in.
** PAGING **	An intercom call has been initiated. (all cordless handsets beep to help you locate them).
NEEDS RECHARGING	Handset battery is depleted. Place handset in charger to charge the battery.
BATTERY LOW	Handset battery is low. Place handset in charger to charge the battery.
PHONE ON	The handset is in use.
RINGER OFF	The handset ringer is turned off.
HOLD	Current call is on hold.
SCANNING...	Handset is scanning for a clear channel to improve sound quality.
MEMORY FULL	You are saving to a full directory.
SPEAKER	The speakerphone is in use (only for telephone base).
MICROPHONE MUTED	The call switches from normal call to mute (only for telephone base).
MICROPHONE ON	The call switches from mute to normal call (only for telephone base).
OTHER HANDSET ON and then OR OUT OF RANGE	Another cordless handset is on a call. Or cordless handset cannot communicate with base. Check base power, or move closer.

Display screen messages



Screen display messages

OTHER HANDSET ON and then OR OUT OF RANGE	Another cordless handset is on a call. Or cordless handset cannot communicate with base. Check base power, or move closer.
XX MISSED CALLS	There are missed and un-reviewed calls in your call summary.
CALL TRANSFERRED	You are transferring an external call on your cordless handset to another cordless (destination) handset.
TRANSFERRED CALL	The destination cordless handset is receiving a transferred call. Or when the transferred call is not answered within 30 seconds on the destination handset, the originating handset displays this message and starts ringing.

Indicator lights & alert tones



Alert tones

"Beep-Beep...Beep-Beep..." (Double beep every five seconds)	Handset battery is low. Place handset in charger to charge the battery.
"Beep-Beep-Beep-Beep-Beep" (Five quick beeps)	Error tone (current operation has been unsuccessful; try again).
"Beeeeeeeeep" (One long beep)	Confirmation tone (current operation has been successfully completed).
"Beep" (One beep every 10 seconds)	Message alert at the telephone base (there are new messages).
"Siren" (Alternating tones)	Handset is being paged.
"Beep-Beep " (Two beeps)	The volume level is at the maximum or minimum setting.

Indicator lights



IN USE
- **Steady:** Line is in use.
- **Flashing:** Call is on hold (Also flashes in cadence with ringing to announce an incoming call).

⏻ ANSWER ON
- On: Answering system is on.
- Off: Answering system is off.

SPEAKER
On when speakerphone or intercom is in use.



CHARGE
On when the handset is charging in charger.

Troubleshooting

If you have difficulty with your phone, please try the suggestions below. For Customer Service, visit our website at www.telephones.att.com, or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.

My telephone does not work at all	• Make sure the power cord is securely plugged in. • Make sure the battery is installed and charged correctly (page 7). • Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the charger when not in use. • Reset the base. Unplug the telephone's electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and base to reset. • You may need to purchase a new battery, please refer to page 7 of this user's manual. • Disconnect the telephone base from the modular jack and plug in a working telephone. If it still does not work, the problem is probably in the wiring or the local service. Call the local telephone company.
I cannot get a dial tone	• First try all the suggestions above. • Move the cordless handset closer to the telephone base. You might have moved out of range. • Your line cord might be malfunctioning. Try installing a new line cord. • If the previous suggestions don't work, disconnect the telephone base from the telephone jack and connect a different telephone. If there is no dial tone on that telephone either, the problem is in your wiring or local service. Contact your local telephone company.
I cannot dial out	• First try all the suggestions above. • Make sure you have a dial tone before dialing. The cordless handset may take a second or two to find the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing. • Make sure your telephone is set to the correct dial mode for the type of service that you have (pulse or touch tone). Refer to the **Base settings** section of this user's manual (page 13) to set the dial mode.

Troubleshooting

	• If the other telephones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply). • Eliminate any background noise. Noise from a television, radio or other appliance may cause the telephone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise.
My cordless handset beeps five times and is not performing normally	• Make sure the power cord is securely plugged into the base. Plug the telephone into a different, working electrical outlet not controlled by a wall switch. • Move the cordless handset closer to the telephone base. You might have moved out of range. • Reset the telephone base. Unplug the telephone's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and base to reset. • Other electronic products can cause interference to your cordless phone. Try installing your telephone as far away from these types of electronic devices as possible: wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.
The batteries will not hold a charge	• Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to its charger when not in use. • Make sure the handset is placed in the charger correctly. The **CHARGE** light on the charger should be on. • If the cordless handset is in the charger but the **CHARGE** light is not on, refer to **The CHARGE light is off** in this section. • It may be necessary to purchase a new battery, please refer to the **Batteries** section of this user's manual. • Your telephone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual for further instruction.

Troubleshooting

- If the cordless handset is in its charger and the **CHARGE** light does not come on, refer to **The CHARGE light is off** in this troubleshooting guide.

I get noise, static, or weak signal even when I'm near the base

- Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away from the following electronic devices as possible: wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.
- Microwave ovens operate on the same frequency as your telephone. It is normal to experience static on your telephone while the microwave oven is operating. Do not install this telephone in the same outlet or near a microwave oven.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this solves the problem, re-locate your telephone or modem farther apart from one another, or use a different surge protector.
- Relocate your telephone to a higher location. It will likely have better reception when installed in a higher area.
- If the other telephones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
- If you subscribe to DSL service and if you hear noise during conversations and/or your caller ID features are not functioning properly, install a DSL filter to the telephone line between the base telephone and the telephone line jack. Contact your DSL provider to obtain a DSL filter.

I hear other calls while using my telephone

- Disconnect the telephone base from the telephone jack, and plug in a different telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

Troubleshooting

I hear noise in the cordless handset, and none of the keys or buttons work	• Make sure the power cord is plugged in securely.
My cordless handset does not ring when I receive a call	• Make sure that the ringer is turned on. Refer to the section(s) on ringer selection in this user's manual. • Make sure the telephone line cord is plugged securely into the telephone base and the telephone jack. Make sure the power cord is securely plugged in. • The cordless handset may be too far from the telephone base. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to its charger when not in use. • You may have too many extension telephones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other telephones. • The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably on an upper floor. • If the other telephones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply). • Test a working telephone at the telephone jack. If another telephone has the same problem, the problem is the phone jack. Contact your local telephone company (charges may apply). • Other electronic products can cause interference with your cordless telephone. Try installing your telephone as far away as possible from electronic devices wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones. • Your line cord might be malfunctioning. Try installing a new line cord.

Troubleshooting

My calls fade out or cut in and out when I am using the cordless handset

- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.
- Microwave ovens operate on the same frequency as your telephone. It is normal to experience static on your telephone while the microwave oven is operating. Do not install this telephone in the same outlet or near a microwave oven.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this solves the problem, relocate your telephone or modem farther apart from each other, or use a different surge protector.
- If you have a headset plugged into the handset, try unplugging it and firmly plugging it in again.
- The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably a higher location for better reception.
- Disconnect the telephone base from the modular jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or local service. Contact your local service company (charges may apply).
- Select channels four through 10 for your router (refer to the user's manual of your router for more information).
- If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact the local telephone company (charges may apply).
- Do you have DSL service? If yes, you need to have a DSL filter installed at every telephone jack that has a telephone connected to it. Contact your DSL service provider for filter information.

Troubleshooting

The **CHARGE** light is off	• Clean the cordless handset and charging contacts on the charger each month using a pencil eraser or cloth. • Make sure the power and line cords are plugged in correctly and securely. • Unplug the telephone's electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Your telephone might be malfunctioning. Please refer to the warranty section of this user's manual for further instruction.
My caller ID features are not working properly	• Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your telephone. • The caller may not be calling from an area which supports caller ID. • Both you and the caller's telephone companies must use equipment which are compatible with caller ID service. • If you subscribe to DSL service, install a DSL filter to the telephone line between the telephone base and the telephone line jack. Contact your DSL service provider for filter information.
The system does not receive caller ID or the system does not display caller ID during call waiting	• Make sure you subscribe to caller ID with call waiting features services provided by the local telephone company. • The caller may not be calling from an area which supports caller ID. • Both you and the caller's telephone companies must use equipment which are compatible with caller ID service. • If you subscribe to DSL service, install a DSL filter to the telephone line between the telephone base and the telephone line jack. Contact your DSL service provider for filter information.
Incomplete messages	• If a caller leaves a very long message, part of it may be lost when the system disconnects the call after four minutes. • If the caller pauses for more than seven seconds, the system stops recording and disconnects the call. • If the system's memory becomes full during a message, the system stops recording and disconnects the call. • If the caller's voice is very soft, the system may stop recording and disconnects the call.
Difficulty hearing messages	• Press the ▲▼**VOLUME** button on the telephone base to increase speaker volume. • Remove any stickers that may have come on your telephone base and/or handset when you purchased it, they may be obstructing your messages when you play them.

Troubleshooting

System does not answer after correct number of rings	• Make sure that the answering system is on (page 38). • If toll saver is activated, the number of rings changes to two when there are new messages waiting (page 41). • In some cases, the system may be affected by the ringing system used by the local telephone company. • If the memory is full or the answering system is off, the system will answer after 10 rings.
System does not record message	• Make sure answering system is on (page 38).
System does not respond to remote commands	• Make sure to enter your remote access code correctly (pages 46). • Make sure you are calling from a touch-tone telephone. When dialing a number, you should hear tones. If you hear clicks, it is not a touch-tone telephone and cannot activate the answering system. • The answering system may not detect the remote access code while your announcement is playing. Try waiting until the announcement is over before entering the code. • There may be noise or interference on the telephone line you are using. Press dial pad buttons firmly.
Announcement message is not clear	• When you record your announcement, make sure you speak in a normal tone of voice, about nine inches from the telephone base. • Make sure there is no background noise (TV, music, etc.) while recording.
Common cure for electronic equipment	If the telephone does not seem to be responding normally, try putting the cordless handset in its charger. If it does not seem to respond, do the following (in the order listed): • Disconnect the power to the telephone base. • Disconnect the cordless handset battery, and spare battery, if applicable. • Wait a few minutes. • Connect power to the telephone base and charger. • Re-install the telephone base and charger and place the cordless handset into the charger. • Wait for the cordless handset to re-establish its connection with the base. Allow up to one minute for this to take place.

Important safety instructions

 This symbol is to alert you to important operating or servicing instructions that may appear in this user's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

Safety information

- **Read and understand all instructions in the user's manual. Observe all markings on the product.**
- **Avoid using a telephone during a thunderstorm.** There may be a slight chance of electric shock from lightning.
- **Do not use a telephone in the vicinity of a gas leak.** If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. If this product is a cordless model, make sure the base is also away from the area.
- **Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- **Install this product in a protected location** where no one can trip over any line or power cords. Protect cords from damage or abrasion.
- **If this product does not operate normally, read Troubleshooting in this user's manual.** If you cannot solve the problem, or if the product is damaged, refer to the limited warranty. Do not open this product except as may be directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- **If this product has user-replaceable batteries, replace batteries only as described in your user's manual.** Do not burn or puncture batteries — they contain caustic chemicals.
- **If this product has a three-prong (grounding) plug or a polarized plug with one wide prong,** it may not fit in non-polarized outlets. Do not defeat the purpose of these plugs. If they do not fit in your outlet, the outlet should be replaced by an electrician.

 ***CAUTION:*** **Use only the power adapter provided with this product. To obtain a replacement, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.**

Important safety instructions

Especially About Cordless Telephones

- **Privacy:** The same features that make a cordless phone convenient create some limitations. Telephone calls are transmitted between the telephone base and handset by radio waves, so there is a possibility that your cordless phone conversations could be intercepted by radio receiving equipment within range of the cordless handset. **For this reason, you should not think of cordless phone conversations as being as private as those on corded phones.**
- **Electrical power:** The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. **Calls cannot be made from the handset if the telephone base is unplugged or switched off, or if the electrical power is interrupted.**
- **Power adapter:** This power adapter is intended to be plugged into a vertical wall outlet or a floor outlet.
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- **Rechargeable batteries:** This product contains either Nickel-Cadmium or Nickel-Metal Hydride rechargeable batteries. Exercise care in handling batteries in order not to short the battery with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-cadmium rechargeable batteries:** Must be recycled or disposed of properly. Do not dispose of in household garbage. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.



The RBRC™ Seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle nickel-cadmium rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or you may call 1 (800) 8 BATTERY for locations accepting spent nickel-cadmium Batteries.

Important safety instructions

- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.



The RBRC™ Seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle nickel-metal rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or you may call 1 (800) 8 BATTERY for locations accepting spent nickel-metal Batteries.

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR had recommended to physicians that:

Pacemaker patients

- Should keep wireless phones at least six inches from the pacemaker.
- Should NOT place wireless phones directly over the pacemaker, such as in a breast pocket, when it is turned ON.
- Should use the wireless phone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless phones.

Especially about telephones answering systems

Two-way recording: This telephone does not sound warning beeps to let the other party know that the call is being recorded. To ensure that you are in compliance with any federal or state regulations regarding recording a telephone call, you should start the recording process and then inform the other party that you are recording the call.

SAVE THESE INSTRUCTIONS

FCC Part 68 & ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US: AAAEQ##TXXXX. This identifier must be provided to your local telephone company upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your local telephone company.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

FCC Part 68 & ACTA

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

- Remain on the line and briefly explain the reason for the call before hanging up.
- Perform such activities in off-peak hours, such as early morning or late evening.

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules.

These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more. If you choose to use a clipping device, please make sure to only use the supplied AT&T belt clip.

Limited warranty

The AT&T brand is used under license - any repair, replacement or warranty service, and all questions about this product should be directed to: In the United States of America call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.

1. What does this limited warranty cover?

   The manufacturer of this AT&T-branded product warrants to the holder of a valid proof of purchase ("CONSUMER" or "you") that the product and all accessories provided in the sales package ("PRODUCT") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the PRODUCT operating instructions. This limited warranty extends only to the CONSUMER for products purchased and used in the United States of America and Canada.

2. What will be done if the PRODUCT is not free from defects in materials and workmanship during the limited warranty period ("materially defective PRODUCT")?

   During the limited warranty period, the manufacturer's authorized service representative will repair or replace at the manufacturer's option, without charge, a materially defective PRODUCT. If the manufacturer repairs the PRODUCT, they may use new or refurbished replacement parts. If the manufacturer chooses to replace the PRODUCT, they may replace it with a new or refurbished PRODUCT of the same or similar design. The manufacturer will retain defective parts, modules, or equipment. Repair or replacement of the PRODUCT, at the manufacturer's option, is your exclusive remedy. The manufacturer will return repaired or replacement products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

3. How long is the limited warranty period?

   The limited warranty period for the PRODUCT extends for ONE (1) YEAR from the date of purchase. If the manufacturer repairs or replaces a materially defective PRODUCT under the terms of this limited warranty, this limited warranty also applies to repaired or replacement PRODUCT for a period of either (a) 90 days from the date the repaired or replacement PRODUCT is shipped to you or (b) the time remaining on the original one-year limited warranty; whichever is longer.

Limited warranty

4. What is not covered by this limited warranty?

   This limited warranty does not cover:

   - PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or
   - PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or
   - PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
   - PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or
   - PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
   - PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or
   - PRODUCT returned without valid proof of purchase (see item 6 below); or
   - Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the telephone.

5. How do you get warranty service?

   To obtain warranty service in the United States of America, call 1 (800) 222-3111; In Canada, please dial 1 (866) 288-4268.
   NOTE: Before calling for service, please review the user's manual - a check of the PRODUCT controls and features may save you a service call.

   Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the PRODUCT(s) to the service location. The manufacturer will return repaired or replaced PRODUCT under this limited warranty to you, transportation, delivery or handling charges prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of products that are not covered by this limited warranty.

Limited warranty

6. What must you return with the PRODUCT to get warranty service?

   You must:

   a. Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and

   b. Include "valid proof of purchase" (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and

   c. Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

   This warranty is the complete and exclusive agreement between you and the manufacturer of this AT&T branded PRODUCT. It supersedes all other written or oral communications related to this PRODUCT. The manufacturer provides no other warranties for this PRODUCT. The warranty exclusively describes all of the manufacturer's responsibilities regarding the PRODUCT. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

   State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

   Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the PRODUCT is fit for ordinary use) are limited to one year from date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall the manufacturer be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the PRODUCT or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this PRODUCT. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Technical specifications

RF frequency band (handset to base)	5863.8MHz — 5872.5MHz
RF frequency band (base to handset)	912.75MHz — 917.10MHz
Channels	30
Modulation	FM
Operating temperature	32°F — 122°F 0°C – 50°C
Telephone base voltage (AC voltage, 60Hz)	104 — 129 Vrms
Telephone base voltage (DC adapter output)	DC9V @500mA
Handset voltage	DC3.1 — 4.3V @400mAh
Charger voltage (AC adapter output)	DC9V @150mA
Replacement battery	3.6V 400mAh Ni-Cd

Telephone operating range

This corded/cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, the handsets and telephone base can communicate over only a certain distance - which can vary with the locations of the telephone base and handsets, the weather, the layout, and the construction of your home or office.

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Remote access wallet card

Use the wallet card below to help you remember commands to control your answering system from any touch tone telephone.

Cut along dotted line



Call your phone number, then enter your two-digit access code (preset to 19).

Action	Remote command
Play all messages	**1**
Play new messages	**2**
Delete the message	**3**
Delete all old messages	**33**
Repeat a message	**4**
Stop	**5**
Help menu	***5**

Fold card here

Skip the message	**6**
Record announcement	***7**
Turn system off/on	**0**
End remote access call	**8** (or hang up)

E5828B/E1828B
5.8 GHz corded/cordless telephone/answering system

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